

REMARKS

Reconsideration of this application as amended is respectfully requested.

In the Office Action, claims 1-29 were pending. Claims 1-8, 10-22 and 24-29 were rejected. Claims 9 and 23 were objected to, but will be allowed if rewritten in independent forms. Portions of the drawings were objected.

In this response, no claim has been canceled. Claims 1, 9, 11, 15, 23, 25, and 29 have been amended. Applicant acknowledges with appreciation the allowance of claims 9 and 23. However, at this time, Applicant elects not to place the limitations of the allowed claims into their corresponding independent claims because Applicant respectfully believes that the revised independent claims are in condition for allowance. In addition, new claims 30-57 have been added. Thus, claims 1-57 remain pending. Formal drawings have been submitted herein. No new matter has been added.

Claims 9 and 23 have been amended as independent claims including substantially all limitations of their respective base claims. New claims 37, 51 have been added including the limitations similar to those recited in claims 9 and 23. Thus, it is respectfully submitted that claims 9, 23, 37, and 51 are allowable.

Drawings have been objected. Formal drawings have been submitted herein. The Examiner stated that the claimed method is not shown in the drawings. Applicant respectfully submits that the present invention as claimed is fully supported throughout the specification and drawings. Additional drawing reflecting the claimed method will be submitted as needed when the present application is in condition of allowance.

Claims 1-8, 10-22, and 24-29 are rejected under 35 U.S.C. § 102(a) as being anticipated by JPEG 2000 INTERNATIONAL STANDARD (information technology image

coding system, part 1, ISO/IEC 15444-1), hereinafter “JPEG 2000”. In view of the foregoing amendments, it is respectfully submitted that, claims 1-8, 10-22, and 24-29 include limitations that are not disclosed by JPEG 2000.

Specifically, independent claim 1 includes receiving a JPEG 2000 codestream of compressed image data having sideband information stored in the sideband area of the codestream, where the sideband information includes information on how at least a portion of the codestream is decompressed, and decompressing the codestream based on the information retrieved from the sideband area. It is respectfully submitted that the above limitations are absent from JPEG 2000.

Rather, JPEG 2000 is related conventional coding techniques of a JPEG 2000 standard. It is respectfully submitted that JPEG 2000 fails to disclose storing decompressing information in a sideband area of a codestream as sideband information and decompressing the codestream based on the sideband information retrieved from the sideband area. The coding information JPEG 2000 is not stored in the sideband area of the code stream.

In contrast, the present invention as claimed utilizes the sideband area in the codestream to store the decompressing related information when the codestream is transmitted. That is, the decompressing related information is stored in an area other than the area occupied by the video data, such as, for example, one or more markers of the codestream, during transmission of the codestream. When a decompressor receives such a codestream, it retrieves the decompressing related information from the sideband area and performs the decompression according to the retrieved information from the sideband area. It is respectfully submitted that the above limitations are absent from JPEG 2000. Therefore, for the reasons discussed above, it is respectfully submitted that independent claim 1 is not anticipated by JPEG 2000.

Similarly, independent claims 15, 29, 43, and 57 include limitations similar to those recited in claim 1. Thus, for the reasons similar to those discussed above, independent claims 15, 29, 43, and 57 are not anticipated by JPEG 2000.

Given that the rest of the claims depend from one of the above independent claims, at least for the reasons similar to those discussed above, it is respectfully submitted that the rest of the claims are not anticipated by JPEG 2000.

In view of the foregoing, Applicant respectfully submits the present application is now in condition for allowance. If the Examiner believes a telephone conference would expedite or assist in the allowance of the present application, the Examiner is invited to call the undersigned attorney at (408) 720-8300.

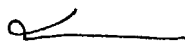
Please charge Deposit Account No. 02-2666 for any shortage of fees in connection with this response.

Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN

Date:

9/7/04



Michael J. Mallie
Attorney for Applicant
Reg. No. 36,591

12400 Wilshire Boulevard
Seventh Floor
Los Angeles, California 90025-1026
(408) 720-8300